OmniSolve

Provider of Integrated Enterprise Solutions

Application Development

OVERVIEW

OmniSolve brings years of experience and industry best practices in delivering IT solutions that transform your business. Our application development service is "a one stop shop" for:

- ***Custom Developed Software***
- ***COTS Package Selection & Implementation***
- ***Web Development***
- ***Legacy Application Migration***
- ***Application Integration***
- ***Application Maintenance***

OmniSolve also offers consulting services:

- ***Business Analysis / Requirements Development***
- ***Architecture & Design***
- ***Data Conversion***
- ***Quality Assurance***

We are committed to delivering the best solution for your needs. Our client's success is our number one priority.

CHALLENGES

In the IT industry, software development projects face various challenges such as:

- ***Obtaining sponsorship and senior management buy-in.***
- ***Defining and managing project scope.***
- ***Addressing organizational change management prior to deployment of the application.***
- ***Managing staffing, budgets, and costs.***
- ***Identifying success criteria and metrics for evaluating project success.***

OmniSolve meets these software development challenges through strong project controls and management. We work with Senior Management to confirm alignment of our work with program and project goals to increase success measures and report out project progress and outstanding issues. We are a results-oriented company. In such a customer driven, competitive environment, we recognize that projects need to be delivered quickly and will work with our customers to identify manageable, value-added project phases that can be delivered incrementally in a relatively short timeframe.

METHODOLOGY

OmniSolve has applied different software lifecycle development (SDLC) methodologies in our various engagements. Our expertise includes iterative methodologies such as Agile, Scrum, and Rational Unified Process (RUP) as well as traditional waterfall. Selection of a methodology for a specific project depends on our customer's preference and on criteria their organization may have based on project type and size.

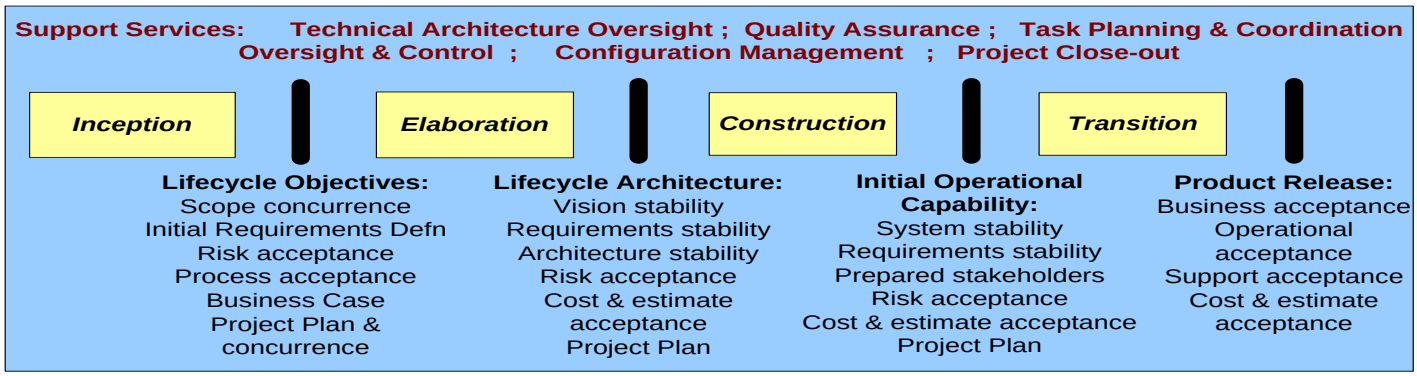
We have successfully applied an Agile Methodology (using prioritized task lists, complexity scores, time-boxed iterations, and simplified documentation) on projects with multiple iterations, each delivering production-ready software. Examples of simplified documentation include using class, sequence, and component diagrams to capture design and using a WSDL, and XML schema to capture a web service interface.

Working within the Agile framework, OmniSolve has also applied the Scrum Methodology (flexibility to adapt, collaborative and iterative working environment, and frequent and quick deliveries (2-4 weeks) when our customers' needs call for it. Using the Scrum Methodology allows us to rapidly and repeatedly inspect actual working software and be in a position to provide our customers with snapshots of the status of the project and get immediate feedback.

The following detailed description of OmniSolve's proven RUP methodology – see Figure below - takes advantage of re-usable assets that help jump-start projects quickly. This methodology also illustrates how we incorporate our skills to provide a one-stop-shop for business analysis, requirements, architecture, design, implementation, project management, quality assurance, and configuration management in any project with any SDLC methodology.

CLIENT BENEFITS

- ***Talented, experienced, highly trained consultants with a strong focus on teamwork and quality***
- ***In-depth experience in business processes and requirements analysis to ensure solutions conform to customer needs***
- ***Strong architectural support and expertise available to the project team***
- ***Industry proven software development methodology and availability of reusable assets that can help jump start projects rapidly***
- ***Knowledge and experience with large scale, mission critical, complex application development projects***
- ***Knowledge and experience with solutions that meet aggressive performance targets and strict security requirements***
- ***Results oriented approach demonstrated by successful past performances***



Our RUP methodology is divided into four phases: inception, elaboration, construction, and transition. The iterative nature of our methodology lies in how we approach the following disciplines: 1) business modeling, 2) requirements, 3) analysis and design, 4) implementation, 5) test, 6) deployment, 7) configuration & change management, 8) project management, and 9) environment. Adjustments to the iterations are made based on the size and risk assessment for a project.

To ensure on-time, on-budget, and high-quality deliverables, we couple our application development with the following supporting activities:

- ***Technical Architecture Oversight***
  Our team members are proficient with emerging technologies, COTS products; and the IT industry's direction, standards and guidelines. Our team will allocate a select group of experienced, seasoned architects to support all project teams with respect to technology, integration, infrastructure, security and design.
- ***Task Planning and Coordination***
  Our consultants engage in the necessary tasks for establishing reasonable and comprehensive plans for all phases of the systems development life cycle. These coordination activities include: 1) Work plan Controls, 2) Financial Controls, 3) Risk Management, and 4) Resource Management.
- ***Oversight and Control***
  Our consultants ensure that people, material, and budget resources are coordinated to carry out the project plan. Project objectives are guaranteed by monitoring progress and taking appropriate corrective actions when needed. These coordination activities typically include: 1) Communication and Reporting, 2) Issues Management, 3) Change Management, and 4) Quality Controls.
- ***Quality Assurance***
  Our Quality Management Plan (QMP) works with the SDLC in a tightly coupled fashion. At the heart of the QMP are documented, consistent, repeatable, auditable processes that generate quality records. A Quality Manager will be assigned to oversee implementation.
- ***Configuration Management***
  Our approach to software configuration management defines a repeatable process by which all configuration items are identified and managed to guarantee a high level of integrity.
- ***Project Close-out***
  At the conclusion of each project, our project manager will jointly schedule a formal project closeout meeting to document lessons learned; and summarize the project's success, project metrics, and financial data.

EXPERIENCE

OmniSolve has participated in a multitude of software development projects, ranging from relatively simple solutions to highly complex ones. The follow reflects some of our past performance within our Application Development Service Offering:

- ***GSA PBS' Automated Advanced Acquisition Project (AAAP)***
  This web-based application supports the process for acquiring leased space for federal agencies. It allowed the lessor to submit offers online and enabled an automated ranking based on matching of requirements to lessor offers. The application involved configuration, custom development, and integration with ESRI's ArcGIS product suite. This project won a GSA Achievement Award in 2006 for Real Property Innovation in the Asset Management category.
- ***DHS' WebRMS***
  This web-based application supported DHS' Federal Protective Service's Record and Case Management needs and was a reengineering effort of a legacy application developed in IMS.
- ***Nextel's Store Information System***
  This web-based application provides a central repository to manage information for all National Retail and Nextel Retail Store and Employee information.
- ***GSA TOLBS***
  This web-based application allows teleworkers to register online and provides a billing interface thru the GSA Treasury's inter-agency application resulting in teleworkers to be approved and billed faster.

COMPLEMENTARY SERVICE OFFERINGS

Other services offered by OmniSolve that complement this offering:

- ***Service Oriented Architecture (SOA)***
- ***Business Process Improvement***
- ***Project Management***
- ***Quality Assurance and IV&V***

For further information about the material presented in this document or to arrange a consultation, please contact:

METHODOLOGY HIGHLIGHTS

- ***Experience in industry proven, iterative software development SDLC methodologies including Agile, Scrum, and RUP as well as traditional waterfall***
- ***Use of reusable assets to jump start projects***
- ***Comprehensive task planning and coordination for all phases of SDLC***
- ***Tight oversight and control to ensure projects remain on schedule, on budget, and deliverables are high quality and to the customer's satisfaction***
- ***Technical architecture oversight well integrated into SDLC***
- ***Quality Management Plan tightly coupled with application development***
- ***Strong configuration management processes***
- ***One stop shop inclusive of complimentary services offered in Service Oriented Architecture, Application Integration, Project Management, and Quality Assurance and IV&V***

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